SAM

Senior Software Developer (SDE-2)

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• https://github.com/byte-void

Summary

Senior Software Developer with **4 years** of professional experience building and delivering **scalable, high-performance web applications** using **React,.js, Next.js, Redux, Node.js and AWS**. Proven track record of **optimising frontend and backend performance**, reducing load times by up to **40%** and enhancing user experience through efficient state management and API optimisation. Experienced in **architecting robust, fault-tolerant systems**, leading projects end-to-end, mentoring junior developers, and integrating **complex payment** and analytics solutions to achieve critical business objectives ensuring long-term reliability and scalability. Extensive experience collaborating with **US, UK , FR and UAE clients**, effectively gathering requirements, and delivering solutions aligned business expectations.

WORK EXPERIENCE

Bounteous and Accolite — https://www.linkedin.com/company/bounteous-accolite/
Senior Software Developer

India
2025 - Present

- Optimised React rendering performance up to **30%** by reducing unnecessary re-renders using **memoization techniques, efficient state management** using **redux,** pagination on api for infinite scroll, and component-level optimisation identified via React DevTools
- Improved initial page load time up to **40%** by implementing **code splitting, lazy loading, and asset optimization**, enhancing overall user experience
- Improved API response times by refactoring **async workflows**, optimising **queries and implementing indexing on frequently accessed column in DB**, and eliminating redundant database calls to reduce server latency
- Implemented **caching and efficient resource management (Redis, in-memory caching)** to handle high traffic, maintaining system stability and reliability
- Designed a scalable frontend–backend system architecture using **Next.js SSR, Redis caching, and optimised API layers**, enabling high-traffic handling with low latency, improved fault tolerance, and future ready modular scalability.
- Implemented **Socket.IO-based real-time workflows** for customer support, enabling live interactions while maintaining **low latency under high traffic**
- Mentored junior developers through code reviews and technical guidance while collaborating with cross-functional teams (QA, BA Client etc) to deliver business-aligned solutions.

Saksoft — https://www.linkedin.com/company/saksoft/
Software Developer

India
2022 - 2025

- Worked on OSLO v4 (react.js, javascript) and OSLO v5 **(next.js, typescript, Redis, Redux)** with Express.js, Node.js, MongoDB
- Optimised API call in **OSLO v5 using SSR by 40%** (next.js)**,** cutting load time by **30%** compared to OSLO v4
- Designed and implemented **micro-frontend** architecture in OSLO v6 using modular React applications, enabling independent builds, deployments, and better isolation of features enabling faster and scalable frontend
- Built optimised search suggestion using debouncing, throttling and redux-toolkit, **optimising search latency by 60%** which significantly reduce unnecessary API calls.
- Built **RiskWrite and IMS from scratch supporting 1M+ users** with optimised data workflows for higher traffic usage
- Built IFFCO (Govt e-com) with React, Node, Express, **GraphQL, AWS**; optimised load speed by **30% using code-splitting, PRPL, and JS minification**
- **Implemented GTM and Google Analytics** to track user behaviour, analyse engagement metrics, and support data-driven product decisions
- Integrated **PayU, AmazonPay, and JusPay** payment gateways, ensuring secure transactions
- Optimized **RiskWrite Project by 30%** by upgrading from (React, JavaScript) to **(Next, TypeScript, Redis, MUI, Zod)**
- Led development of Redington Gulf E-COM project; implemented role based access and **dynamic delivery algorithms, result in 25% faster deliveries**
- Integrated **RabbitMQ for decoupled communication across microservices** or order, inventory and delivery service in E-Com project
- **Mentored 4 junior developers**, code reviews and participated in technical interviews for the organisation
- Led direct collaboration with enterprise clients across **US, UK, France, UAE** and coordinated with third party platforms such as **SAP and Unbxd search** to drive requirement alignment, architect scalable integrations, and deliver reliable, production grade solutions

BingePrime — http://bingeprime.com/
Software Development Intern

India
05/2022 - 11/2022

- Worked on **movie streaming website** BingePrime
- Implemented **Razorpay payment** gateway for subscription based model
- Reduced javascript execution time by utilizing **pre-loading, pre-caching, and lazy loading of assets**
- Developed a **customised movie recommendation system**

LetsGrowMore — https://www.linkedin.com/company/letsgrowmore/
Web Developer Intern

India
09/2021 - 03/2022

- Implemented secure login using **access and refresh tokens and cache** for blocking used tokens after logout
- Handled authorized routing for subscriber-only routes with **MongoDB aggregation pipelines**
- Designed various secure login/signup methods including auto login or OAuth login via Google and Facebook
- Managed **PhonePe Payment gateway** and hosting on AWS

Key Achievements

⭐ Smart India Hackathon
Winner (2025) and Runner up (2024) at Smart India Hackathon by Govt of India. Designed a smart truck routing solution optimizing routes by goods availability, improving vehicle utilization by 30%.

💡 GFG HackerFest
EasyED(available on playstore) is the application showed in this contest. Participated and secured 2nd rank in GFG HackerFest. Designed an automatic counselling systemby using react native technology and send the report to parents at month-end.

💎 DSA
Solved 1000+ DSA problems on LeetCode and GFG; strengthened logic building and algorithmic thinking through consistent practice

Skills

Frontend Technologies: React.js · Next.js · Micro Frontend · React-Native · Redux · Payment-Gateway · SSR · CSR · Material UI · Tailwind CSS · React Hook

Backend Technology: Node.js · Micro Services · GraphQL · RabbitMQ · Redis · Express.js · GTM · Google Analytics · SAP · REST API · Caching · Socket.io

Devops: AWS · EC2 · S3 · Docker · Jenkins · Lambda · Putty · CI/CD

Languages: JavaScript · TypeScript · Python · C · C++

Database: MongoDB · Postgres · MySQL · Query Optimisation · Indexing · Schema Design · ACID

Education

BUNDELKHAND INSTITUTE OF ENGINEERING AND TECHNOLOGY, JHANSI
B.Tech (Computer Science and Engineering) │ Percentage: **77** / 4yr

Projects

SmartTicket Assigner (AI + Automation)
https://github.com/byte-void/Auto-Ticket-Assigning-Agent

- Designed and implemented a system that reads incoming tickets and extracts required technologies using natural language processing (NLP).
- Created a dynamic skill-matching algorithm to identify team members who possess the relevant expertise
- Built an automated ticket assignment engine that assigns tasks to the most suitable person based on skills, availability, and workload

PriceWise
https://github.com/samm-developer/PriceWise

- It is a project to solve the problem faced by customer to get the lowest price to compare current price
- It shows the customer the lowest price, average price, and current price of any product on Amazon or Flipkart so the customer can compare prices easily, especially during sales.

WatchParty
https://github.com/byte-void/watch_party

- Developed realtime collaborative video platform enabling synchronised YouTube player for multiple users using WebSocket based architecture (espically for couples)
- Implemented advanced synchronisation algorithms with timestamp-based latency compensation, achieving sub-second accuracy for play/pause/seek operations across all connected clients
- https://drive.google.com/file/d/1JBgJPL68uD8jkdmq9k8tLMldEHGIx9fE/view

Node-Module

- I have published my own node-module on npm

Extension Service

- I have created my own extension of controlling the speed of any video
- I used it to increase Youtube video speed beyond 2X for learning purpose.